

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	Aztec Water Intake		
					Sample ID	Aztec Water Intake		
					Date	8/6/2015		
<b>Recreational</b> <b>Agricultural</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	<b>0.041 J</b>		
Antimony, Dissolved	7440-36-0	mg/l			--	<b>0.0012 J</b>		
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.0005</b>		
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>0.075</b>		
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.00002 U		
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	<b>0.00003 J</b>		
Calcium, Dissolved	7440-70-2	mg/l			--	<b>59.1</b>		
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	<b>0.0036</b>		
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.0001</b>		
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>0.0014</b>		
Iron, Dissolved	7439-89-6	mg/l	120000		--	<b>0.005 J</b>		
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.00006 J</b>		
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>9.16</b>		
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>0.029</b>		
Mercury, Dissolved	7439-97-6	mg/l			--	<b>0.00007 J</b>		
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>0.0012</b>		
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>0.0022</b>		
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2.33</b>		
Selenium, Dissolved	7782-49-2	mg/l		20	--	<b>0.0006 J</b>		
Silver, Dissolved	7440-22-4	mg/l			--	< 0.00003 U		
Sodium, Dissolved	7440-23-5	mg/l			--	<b>16</b>		
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	<b>0.0001</b>		
Vanadium, Dissolved	7440-62-2	mg/l	830		--	<b>0.0012</b>		
Zinc, Dissolved	7440-66-6	mg/l	50000		--	<b>0.026 J</b>		
<b>Metals, Total</b>								
Aluminum, Total	7429-90-5	mg/l			--	<b>0.982</b>		
Antimony, Total	7440-36-0	mg/l			--	<b>0.0007</b>		
Arsenic, Total	7440-38-2	mg/l			--	<b>0.0009</b>		
Barium, Total	7440-39-3	mg/l			--	<b>0.0977</b>		
Beryllium, Total	7440-41-7	mg/l			--	<b>0.00009 J</b>		
Cadmium, Total	7440-43-9	mg/l			--	<b>0.0002</b>		
Calcium, Total	7440-70-2	mg/l			--	<b>59.9</b>		
Chromium, Total	7440-47-3	mg/l			--	<b>0.0004 J</b>		
Cobalt, Total	7440-48-4	mg/l			--	<b>0.0007</b>		
Copper, Total	7440-50-8	mg/l			--	<b>0.0044</b>		
Iron, Total	7439-89-6	mg/l			--	<b>0.977</b>		
Lead, Total	7439-92-1	mg/l			--	<b>0.005</b>		
Magnesium, Total	7439-95-4	mg/l			--	<b>9.39</b>		
Manganese, Total	7439-96-5	mg/l			--	<b>0.12</b>		
Mercury, Total	7439-97-6	mg/l			--	< 0.00002 U		
Molybdenum, Total	7439-98-7	mg/l			--	<b>0.0012</b>		

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**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	Nickel, Total	7440-02-0
Potassium, Total	7440-09-7	mg/l			--	Potassium, Total	7440-09-7
Selenium, Total	7782-49-2	mg/l			--	Selenium, Total	7782-49-2
Silver, Total	7440-22-4	mg/l			--	Silver, Total	7440-22-4
Sodium, Total	7440-23-5	mg/l			--	Sodium, Total	7440-23-5
Thallium, Total	7440-28-0	mg/l			--	Thallium, Total	7440-28-0
Vanadium, Total	7440-62-2	mg/l			--	Vanadium, Total	7440-62-2
Zinc, Total	7440-66-6	mg/l			--	Zinc, Total	7440-66-6
<b>General</b>							
Alkalinity	STL00171	mg/L			--	Alkalinity	STL00171
pH	STL00204	SU			--	pH	STL00204
Total Hardness	STL00009	mg/L			--	Total Hardness	STL00009
Total Suspended Solids	STL00161	mg/L			--	Total Suspended Solids	STL00161

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL) - Data Estimated qualifier (also applied to all

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Bold - Bolded results identify a detected value**

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D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter)

ug/L - Parts per billion (micrograms per liter).

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Units		Location	Aztec Water Intake	Farmington Water Intake	ADWS-IT1
			Sample ID	Aztec Water Intake	ADWS-IT1-150807-21
			Date	8/6/2015	8/7/2015

**Recreational Agriculture**  
**IRSL**

mg/l	170000	--	0.041 J	0.044 J	0.032 J
mg/l		--	0.0012 J	0.0007 J	< 0.001 U
mg/l	50	100	--	0.0005	0.0006
mg/l	33000		--	0.075	0.0698
mg/l	330	100	--	< 0.00002 U	< 0.00002 U
mg/l	83	10	--	0.00003 J	0.00002 J
mg/l		--	59.1	62	58
mg/l	210000	100	--	0.0036	0.0035
mg/l	50		--	0.0001	0.0002
mg/l	6700	100	--	0.0014	0.0014
mg/l	120000		--	0.005 J	< 0.003 U
mg/l	200	100	--	0.00006 J	0.00005 J
mg/l		--	9.16	9.58	8.5
mg/l	7800	200	--	0.029	0.036
mg/l		--	0.00007 J	0.00003 J	< 0.0002 U
mg/l		--	0.0012	0.0012	0.001
mg/l	330	200	--	0.0022	0.0021
mg/l		--	2.33	2.54	2.2
mg/l		20	--	0.0006 J	0.0007 J
mg/l		--	< 0.00003 U	< 0.00003 U	< 0.001 U
mg/l		--	16	19.8	14
mg/l	1.7		--	0.0001	0.0001
mg/l	830		--	0.0012	0.0014
mg/l	50000		--	0.026 J	0.027 J

mg/l		--	0.982	2.53	0.6
mg/l		--	0.0007	0.0003 J	< 0.001 U
mg/l		--	0.0009	0.0011	0.00061 J
mg/l		--	0.0977	0.0987	0.071
mg/l		--	0.00009 J	0.0002 J	< 0.0004 U
mg/l		--	0.0002	0.0002	0.000099 J
mg/l		--	59.9	63.1	58
mg/l		--	0.0004 J	0.0011	< 0.002 U
mg/l		--	0.0007	0.0011	0.00032 J
mg/l		--	0.0044	0.0055	0.0024
mg/l		--	0.977	2.06	0.48
mg/l		--	0.005	0.006	0.002
mg/l		--	9.39	9.88	8.5
mg/l		--	0.12	0.158	0.06
mg/l		--	< 0.00002 U	< 0.00002 U	< 0.0002 U
mg/l		--	0.0012	0.0011	0.0011

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	mg/l		
Potassium, Total	7440-09-7	mg/l			--	mg/l		
Selenium, Total	7782-49-2	mg/l			--	mg/l		
Silver, Total	7440-22-4	mg/l			--	mg/l		
Sodium, Total	7440-23-5	mg/l			--	mg/l		
Thallium, Total	7440-28-0	mg/l			--	mg/l		
Vanadium, Total	7440-62-2	mg/l			--	mg/l		
Zinc, Total	7440-66-6	mg/l			--	mg/l		

**General**

Alkalinity	STL00171	mg/L			--	mg/L		
pH	STL00204	SU			--	SU		
Total Hardness	STL00009	mg/L			--	mg/L		
Total Suspended Solids	STL00161	mg/L			--	mg/L		

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL) data less than PQL, greater than or equal to M

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

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U - Analyte not detected at or above MDL qualifier

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D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

. Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Solids equivalent = ug/Kg

<b>Location</b>	Aztec Water Intake	Farmington Water Intake	ADWS-IT1	ADWS-IT1
<b>Sample ID</b>	Aztec Water Intake	Farmington Water Intake	ADWS-IT1-150807-21	ADWS-IT1-150807-22
<b>Date</b>	8/6/2015	8/6/2015	8/7/2015	8/7/2015

--	<b>0.041 J</b>	<b>0.044 J</b>	<b>0.032 J</b>	<b>0.034 J</b>
--	<b>0.0012 J</b>	<b>0.0007 J</b>	< 0.001 U	< 0.001 U
--	<b>0.0005</b>	<b>0.0006</b>	<b>0.00052 J</b>	<b>0.00057 J</b>
--	<b>0.075</b>	<b>0.0698</b>	<b>0.066</b>	<b>0.066</b>
--	< 0.00002 U	< 0.00002 U	< 0.0004 U	< 0.0004 U
--	<b>0.00003 J</b>	<b>0.00002 J</b>	< 0.0001 U	< 0.0001 U
--	<b>59.1</b>	<b>62</b>	<b>58</b>	<b>58</b>
--	<b>0.0036</b>	<b>0.0035</b>	< 0.002 U	< 0.002 U
--	<b>0.0001</b>	<b>0.0002</b>	<b>0.00012 J</b>	<b>0.00013 J</b>
--	<b>0.0014</b>	<b>0.0014</b>	<b>0.001</b>	<b>0.0011</b>
--	<b>0.005 J</b>	< 0.003 U	< 0.05 U	< 0.05 U
--	<b>0.00006 J</b>	<b>0.00005 J</b>	< 0.0003 U	< 0.0003 U
--	<b>9.16</b>	<b>9.58</b>	<b>8.5</b>	<b>8.5</b>
--	<b>0.029</b>	<b>0.036</b>	<b>0.0071</b>	<b>0.0078</b>
--	<b>0.00007 J</b>	<b>0.00003 J</b>	< 0.0002 U	< 0.0002 U
--	<b>0.0012</b>	<b>0.0012</b>	<b>0.001</b>	<b>0.0011</b>
--	<b>0.0022</b>	<b>0.0021</b>	<b>0.0014</b>	<b>0.0014</b>
--	<b>2.33</b>	<b>2.54</b>	<b>2.2</b>	<b>2.2</b>
--	<b>0.0006 J</b>	<b>0.0007 J</b>	< 0.002 U	< 0.002 U
--	< 0.00003 U	< 0.00003 U	< 0.001 U	< 0.001 U
--	<b>16</b>	<b>19.8</b>	<b>14</b>	<b>14</b>
--	<b>0.0001</b>	<b>0.0001</b>	< 0.0002 U	< 0.0002 U
--	<b>0.0012</b>	<b>0.0014</b>	<b>0.00032 J</b>	< 0.001 U
--	<b>0.026 J</b>	<b>0.027 J</b>	< 0.02 U	< 0.02 U

--	<b>0.982</b>	<b>2.53</b>	<b>0.6</b>	<b>0.66</b>
--	<b>0.0007</b>	<b>0.0003 J</b>	< 0.001 U	< 0.001 U
--	<b>0.0009</b>	<b>0.0011</b>	<b>0.00061 J</b>	<b>0.00084 J</b>
--	<b>0.0977</b>	<b>0.0987</b>	<b>0.071</b>	<b>0.072</b>
--	<b>0.00009 J</b>	<b>0.0002 J</b>	< 0.0004 U	< 0.0004 U
--	<b>0.0002</b>	<b>0.0002</b>	<b>0.000099 J</b>	<b>0.00011</b>
--	<b>59.9</b>	<b>63.1</b>	<b>58</b>	<b>58</b>
--	<b>0.0004 J</b>	<b>0.0011</b>	< 0.002 U	< 0.002 U
--	<b>0.0007</b>	<b>0.0011</b>	<b>0.00032 J</b>	<b>0.00035 J</b>
--	<b>0.0044</b>	<b>0.0055</b>	<b>0.0024</b>	<b>0.0027</b>
--	<b>0.977</b>	<b>2.06</b>	<b>0.48</b>	<b>0.53</b>
--	<b>0.005</b>	<b>0.006</b>	<b>0.002</b>	<b>0.0022</b>
--	<b>9.39</b>	<b>9.88</b>	<b>8.5</b>	<b>8.5</b>
--	<b>0.12</b>	<b>0.158</b>	<b>0.06</b>	<b>0.065</b>
--	< 0.00002 U	< 0.00002 U	< 0.0002 U	< 0.0002 U
--	<b>0.0012</b>	<b>0.0011</b>	<b>0.0011</b>	<b>0.001</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	--	<b>0.0029</b>
Potassium, Total	7440-09-7	mg/l			--	--	<b>2.68</b>
Selenium, Total	7782-49-2	mg/l			--	--	<b>0.0004 J</b>
Silver, Total	7440-22-4	mg/l			--	--	< 0.00003 U
Sodium, Total	7440-23-5	mg/l			--	--	<b>15.9</b>
Thallium, Total	7440-28-0	mg/l			--	--	<b>0.0001</b>
Vanadium, Total	7440-62-2	mg/l			--	--	<b>0.0017</b>
Zinc, Total	7440-66-6	mg/l			--	--	<b>0.059</b>

**General**

Alkalinity	STL00171	mg/L			--	--	
pH	STL00204	SU			--	--	
Total Hardness	STL00009	mg/L			--	--	
Total Suspended Solids	STL00161	mg/L			--	--	

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U - Analyte not detected at or above MDL qualifier

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ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

				<b>Location</b>	Farmington Water Intake
				<b>Sample ID</b>	Farmington Water Intake
				<b>Date</b>	8/6/2015
<b>Analyte</b>	<b>CAS.NO</b>	<b>Units</b>			

			<b>Recreational</b>	<b>Agricultural</b>	
			<b>RSL</b>	<b>RSL</b>	
<b>Metals, Dissolved</b>					
Aluminum, Dissolved	7429-90-5	mg/l	170000		-- <b>0.044 J</b>
Antimony, Dissolved	7440-36-0	mg/l			-- <b>0.0007 J</b>
Arsenic, Dissolved	7440-38-2	mg/l	50	100	-- <b>0.0006</b>
Barium, Dissolved	7440-39-3	mg/l	33000		-- <b>0.0698</b>
Beryllium, Dissolved	7440-41-7	mg/l	330	100	-- < 0.00002 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10	-- <b>0.00002 J</b>
Calcium, Dissolved	7440-70-2	mg/l			-- <b>62</b>
Chromium, Dissolved	7440-47-3	mg/l	210000	100	-- <b>0.0035</b>
Cobalt, Dissolved	7440-48-4	mg/l	50		-- <b>0.0002</b>
Copper, Dissolved	7440-50-8	mg/l	6700	100	-- <b>0.0014</b>
Iron, Dissolved	7439-89-6	mg/l	120000		-- < 0.003 U
Lead, Dissolved	7439-92-1	mg/l	200	100	-- <b>0.00005 J</b>
Magnesium, Dissolved	7439-95-4	mg/l			-- <b>9.58</b>
Manganese, Dissolved	7439-96-5	mg/l	7800	200	-- <b>0.036</b>
Mercury, Dissolved	7439-97-6	mg/l			-- <b>0.00003 J</b>
Molybdenum, Dissolved	7439-98-7	mg/l			-- <b>0.0012</b>
Nickel, Dissolved	7440-02-0	mg/l	330	200	-- <b>0.0021</b>
Potassium, Dissolved	7440-09-7	mg/l			-- <b>2.54</b>
Selenium, Dissolved	7782-49-2	mg/l		20	-- <b>0.0007 J</b>
Silver, Dissolved	7440-22-4	mg/l			-- < 0.00003 U
Sodium, Dissolved	7440-23-5	mg/l			-- <b>19.8</b>
Thallium, Dissolved	7440-28-0	mg/l	1.7		-- <b>0.0001</b>
Vanadium, Dissolved	7440-62-2	mg/l	830		-- <b>0.0014</b>
Zinc, Dissolved	7440-66-6	mg/l	50000		-- <b>0.027 J</b>
<b>Metals, Total</b>					
Aluminum, Total	7429-90-5	mg/l			-- <b>2.53</b>
Antimony, Total	7440-36-0	mg/l			-- <b>0.0003 J</b>
Arsenic, Total	7440-38-2	mg/l			-- <b>0.0011</b>
Barium, Total	7440-39-3	mg/l			-- <b>0.0987</b>
Beryllium, Total	7440-41-7	mg/l			-- <b>0.0002 J</b>
Cadmium, Total	7440-43-9	mg/l			-- <b>0.0002</b>
Calcium, Total	7440-70-2	mg/l			-- <b>63.1</b>
Chromium, Total	7440-47-3	mg/l			-- <b>0.0011</b>
Cobalt, Total	7440-48-4	mg/l			-- <b>0.0011</b>
Copper, Total	7440-50-8	mg/l			-- <b>0.0055</b>
Iron, Total	7439-89-6	mg/l			-- <b>2.06</b>
Lead, Total	7439-92-1	mg/l			-- <b>0.006</b>
Magnesium, Total	7439-95-4	mg/l			-- <b>9.88</b>
Manganese, Total	7439-96-5	mg/l			-- <b>0.158</b>
Mercury, Total	7439-97-6	mg/l			-- < 0.00002 U
Molybdenum, Total	7439-98-7	mg/l			-- <b>0.0011</b>

**Table 1**  
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**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>0.0038</b>
Potassium, Total	7440-09-7	mg/l			--	<b>3.01</b>
Selenium, Total	7782-49-2	mg/l			--	<b>0.0004 J</b>
Silver, Total	7440-22-4	mg/l			--	< 0.00003 U
Sodium, Total	7440-23-5	mg/l			--	<b>19.8</b>
Thallium, Total	7440-28-0	mg/l			--	<b>0.0001</b>
Vanadium, Total	7440-62-2	mg/l			--	<b>0.0036</b>
Zinc, Total	7440-66-6	mg/l			--	<b>0.062</b>

**General**

Alkalinity	STL00171	mg/L			--	
pH	STL00204	SU			--	
Total Hardness	STL00009	mg/L			--	
Total Suspended Solids	STL00161	mg/L			--	

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**Upper Animas River**

Analyte	CAS.NO	Units			Location	ADWS-IT1
					Sample ID	ADWS-IT1-150807-21
					Date	8/7/2015
			Recreational	Agricultural		
<b>Metals, Dissolved</b>						
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	<b>0.032 J</b>
Antimony, Dissolved	7440-36-0	mg/l			--	< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.00052 J</b>
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>0.066</b>
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.0004 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l			--	<b>58</b>
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 0.002 U
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.00012 J</b>
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>0.001</b>
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 0.05 U
Lead, Dissolved	7439-92-1	mg/l	200	100	--	< 0.0003 U
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>8.5</b>
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>0.0071</b>
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.0002 U
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>0.001</b>
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>0.0014</b>
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2.2</b>
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 0.002 U
Silver, Dissolved	7440-22-4	mg/l			--	< 0.001 U
Sodium, Dissolved	7440-23-5	mg/l			--	<b>14</b>
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.0002 U
Vanadium, Dissolved	7440-62-2	mg/l	830		--	<b>0.00032 J</b>
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 0.02 U
<b>Metals, Total</b>						
Aluminum, Total	7429-90-5	mg/l			--	<b>0.6</b>
Antimony, Total	7440-36-0	mg/l			--	< 0.001 U
Arsenic, Total	7440-38-2	mg/l			--	<b>0.00061 J</b>
Barium, Total	7440-39-3	mg/l			--	<b>0.071</b>
Beryllium, Total	7440-41-7	mg/l			--	< 0.0004 U
Cadmium, Total	7440-43-9	mg/l			--	<b>0.000099 J</b>
Calcium, Total	7440-70-2	mg/l			--	<b>58</b>
Chromium, Total	7440-47-3	mg/l			--	< 0.002 U
Cobalt, Total	7440-48-4	mg/l			--	<b>0.00032 J</b>
Copper, Total	7440-50-8	mg/l			--	<b>0.0024</b>
Iron, Total	7439-89-6	mg/l			--	<b>0.48</b>
Lead, Total	7439-92-1	mg/l			--	<b>0.002</b>
Magnesium, Total	7439-95-4	mg/l			--	<b>8.5</b>
Manganese, Total	7439-96-5	mg/l			--	<b>0.06</b>
Mercury, Total	7439-97-6	mg/l			--	< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l			--	<b>0.0011</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>0.0016</b>
Potassium, Total	7440-09-7	mg/l			--	<b>2.3</b>
Selenium, Total	7782-49-2	mg/l			--	< 0.002 U
Silver, Total	7440-22-4	mg/l			--	< 0.001 U
Sodium, Total	7440-23-5	mg/l			--	<b>14</b>
Thallium, Total	7440-28-0	mg/l			--	<b>0.00015 J</b>
Vanadium, Total	7440-62-2	mg/l			--	<b>0.0008 J</b>
Zinc, Total	7440-66-6	mg/l			--	<b>0.02</b>

**General**

Alkalinity	STL00171	mg/L			--	<b>92</b>
pH	STL00204	SU			--	<b>8.17 HF</b>
Total Hardness	STL00009	mg/L			--	<b>180</b>
Total Suspended Solids	STL00161	mg/L			--	<b>23</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	ADWS-IT1
					Sample ID	ADWS-IT1-150807-22
					Date	8/7/2015

Metals, Dissolved	Recreational			Agricultural		
	RSL	1 RSL	e			
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	<b>0.034 J</b>
Antimony, Dissolved	7440-36-0	mg/l			--	< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.00057 J</b>
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>0.066</b>
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.0004 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l			--	<b>58</b>
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 0.002 U
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.00013 J</b>
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>0.0011</b>
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 0.05 U
Lead, Dissolved	7439-92-1	mg/l	200	100	--	< 0.0003 U
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>8.5</b>
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>0.0078</b>
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.0002 U
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>0.0011</b>
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>0.0014</b>
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2.2</b>
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 0.002 U
Silver, Dissolved	7440-22-4	mg/l			--	< 0.001 U
Sodium, Dissolved	7440-23-5	mg/l			--	<b>14</b>
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.0002 U
Vanadium, Dissolved	7440-62-2	mg/l	830		--	< 0.001 U
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 0.02 U

Metals, Total						
Aluminum, Total	7429-90-5	mg/l			--	<b>0.66</b>
Antimony, Total	7440-36-0	mg/l			--	< 0.001 U
Arsenic, Total	7440-38-2	mg/l			--	<b>0.00084 J</b>
Barium, Total	7440-39-3	mg/l			--	<b>0.072</b>
Beryllium, Total	7440-41-7	mg/l			--	< 0.0004 U
Cadmium, Total	7440-43-9	mg/l			--	<b>0.00011</b>
Calcium, Total	7440-70-2	mg/l			--	<b>58</b>
Chromium, Total	7440-47-3	mg/l			--	< 0.002 U
Cobalt, Total	7440-48-4	mg/l			--	<b>0.00035 J</b>
Copper, Total	7440-50-8	mg/l			--	<b>0.0027</b>
Iron, Total	7439-89-6	mg/l			--	<b>0.53</b>
Lead, Total	7439-92-1	mg/l			--	<b>0.0022</b>
Magnesium, Total	7439-95-4	mg/l			--	<b>8.5</b>
Manganese, Total	7439-96-5	mg/l			--	<b>0.065</b>
Mercury, Total	7439-97-6	mg/l			--	< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l			--	<b>0.001</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>0.0018</b>
Potassium, Total	7440-09-7	mg/l			--	<b>2.3</b>
Selenium, Total	7782-49-2	mg/l			--	< 0.002 U
Silver, Total	7440-22-4	mg/l			--	< 0.001 U
Sodium, Total	7440-23-5	mg/l			--	<b>14</b>
Thallium, Total	7440-28-0	mg/l			--	< 0.0002 U
Vanadium, Total	7440-62-2	mg/l			--	<b>0.00094 J</b>
Zinc, Total	7440-66-6	mg/l			--	<b>0.021</b>

**General**

Alkalinity	STL00171	mg/L			--	<b>93</b>
pH	STL00204	SU			--	<b>8.26 HF</b>
Total Hardness	STL00009	mg/L			--	<b>180</b>
Total Suspended Solids	STL00161	mg/L			--	<b>24</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	ADWS-IT2
					Sample ID	ADWS-IT2-150807-21
					Date	8/7/2015
			Recreational	Agricultural		
<b>Metals, Dissolved</b>						
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	<b>0.03 J</b>
Antimony, Dissolved	7440-36-0	mg/l			--	< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.00054 J</b>
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>0.067</b>
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.0004 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l			--	<b>59</b>
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 0.002 U
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.00013 J</b>
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>0.0011</b>
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 0.05 U
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.000061 J</b>
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>8.3</b>
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>0.0071</b>
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.0002 U
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>0.001</b>
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>0.0014</b>
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2.2</b>
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 0.002 U
Silver, Dissolved	7440-22-4	mg/l			--	< 0.001 U
Sodium, Dissolved	7440-23-5	mg/l			--	<b>13</b>
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	<b>0.00011 J</b>
Vanadium, Dissolved	7440-62-2	mg/l	830		--	< 0.001 U
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 0.02 U
<b>Metals, Total</b>						
Aluminum, Total	7429-90-5	mg/l			--	<b>0.54</b>
Antimony, Total	7440-36-0	mg/l			--	< 0.001 U
Arsenic, Total	7440-38-2	mg/l			--	<b>0.00063 J</b>
Barium, Total	7440-39-3	mg/l			--	<b>0.071</b>
Beryllium, Total	7440-41-7	mg/l			--	< 0.0004 U
Cadmium, Total	7440-43-9	mg/l			--	<b>0.00011</b>
Calcium, Total	7440-70-2	mg/l			--	<b>58</b>
Chromium, Total	7440-47-3	mg/l			--	< 0.002 U
Cobalt, Total	7440-48-4	mg/l			--	<b>0.0003 J</b>
Copper, Total	7440-50-8	mg/l			--	<b>0.0023</b>
Iron, Total	7439-89-6	mg/l			--	<b>0.42</b>
Lead, Total	7439-92-1	mg/l			--	<b>0.0017</b>
Magnesium, Total	7439-95-4	mg/l			--	<b>8.2</b>
Manganese, Total	7439-96-5	mg/l			--	<b>0.053</b>
Mercury, Total	7439-97-6	mg/l			--	< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l			--	<b>0.001</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>0.0016</b>
Potassium, Total	7440-09-7	mg/l			--	<b>2.3</b>
Selenium, Total	7782-49-2	mg/l			--	< 0.002 U
Silver, Total	7440-22-4	mg/l			--	< 0.001 U
Sodium, Total	7440-23-5	mg/l			--	<b>13</b>
Thallium, Total	7440-28-0	mg/l			--	< 0.0002 U
Vanadium, Total	7440-62-2	mg/l			--	<b>0.00083 J</b>
Zinc, Total	7440-66-6	mg/l			--	<b>0.019 J</b>
<b>General</b>						
Alkalinity	STL00171	mg/L			--	<b>93</b>
pH	STL00204	SU			--	<b>8.2 HF</b>
Total Hardness	STL00009	mg/L			--	<b>180</b>
Total Suspended Solids	STL00161	mg/L			--	<b>21</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	FWS-ARP2
					Sample ID	FWS-ARP2-150807-21
					Date	8/7/2015

Metals, Dissolved	Recreational			Agricultural		
		RSL	e			
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	<b>0.029 J</b>
Antimony, Dissolved	7440-36-0	mg/l			--	< 0.001 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.00074 J</b>
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>0.069</b>
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.0004 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.0001 U
Calcium, Dissolved	7440-70-2	mg/l			--	<b>68</b>
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 0.002 U
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.00016 J</b>
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>0.0012</b>
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 0.05 U
Lead, Dissolved	7439-92-1	mg/l	200	100	--	< 0.0003 U
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>9.6</b>
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>0.021</b>
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.0002 U
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>0.0012</b>
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>0.0015</b>
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2.4</b>
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 0.002 U
Silver, Dissolved	7440-22-4	mg/l			--	< 0.001 U
Sodium, Dissolved	7440-23-5	mg/l			--	<b>22</b>
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.0002 U
Vanadium, Dissolved	7440-62-2	mg/l	830		--	< 0.001 U
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 0.02 U

Metals, Total						
Aluminum, Total	7429-90-5	mg/l			--	<b>1.4</b>
Antimony, Total	7440-36-0	mg/l			--	< 0.001 U
Arsenic, Total	7440-38-2	mg/l			--	<b>0.00081 J</b>
Barium, Total	7440-39-3	mg/l			--	<b>0.079</b>
Beryllium, Total	7440-41-7	mg/l			--	< 0.0004 U
Cadmium, Total	7440-43-9	mg/l			--	<b>0.000092 J</b>
Calcium, Total	7440-70-2	mg/l			--	<b>67</b>
Chromium, Total	7440-47-3	mg/l			--	< 0.002 U
Cobalt, Total	7440-48-4	mg/l			--	<b>0.00052</b>
Copper, Total	7440-50-8	mg/l			--	<b>0.0031</b>
Iron, Total	7439-89-6	mg/l			--	<b>1</b>
Lead, Total	7439-92-1	mg/l			--	<b>0.0026</b>
Magnesium, Total	7439-95-4	mg/l			--	<b>9.6</b>
Manganese, Total	7439-96-5	mg/l			--	<b>0.091</b>
Mercury, Total	7439-97-6	mg/l			--	< 0.0002 U
Molybdenum, Total	7439-98-7	mg/l			--	<b>0.0012</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>0.0021</b>
Potassium, Total	7440-09-7	mg/l			--	<b>2.6</b>
Selenium, Total	7782-49-2	mg/l			--	< 0.002 U
Silver, Total	7440-22-4	mg/l			--	< 0.001 U
Sodium, Total	7440-23-5	mg/l			--	<b>22</b>
Thallium, Total	7440-28-0	mg/l			--	< 0.0002 U
Vanadium, Total	7440-62-2	mg/l			--	<b>0.0019</b>
Zinc, Total	7440-66-6	mg/l			--	<b>0.02</b>
<b>General</b>						
Alkalinity	STL00171	mg/L			--	<b>91</b>
pH	STL00204	SU			--	<b>8.31 HF</b>
Total Hardness	STL00009	mg/L			--	<b>210</b>
Total Suspended Solids	STL00161	mg/L			--	<b>43</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units			Location	LVW-FD		
					Sample ID	LVW-FD-150807-21		
					Date	8/7/2015		
<b>Recreational</b> <b>Agricultural</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	< 0.2 U		
Antimony, Dissolved	7440-36-0	mg/l			--	< 0.001 U		
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.0011</b>		
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>0.11</b>		
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.0004 U		
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.0001 U		
Calcium, Dissolved	7440-70-2	mg/l			--	<b>77</b>		
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 0.002 U		
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.00022 J</b>		
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>0.0014</b>		
Iron, Dissolved	7439-89-6	mg/l	120000		--	<b>0.042 J</b>		
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.00018 J</b>		
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>10</b>		
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>0.024</b>		
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.0002 U		
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>0.0015</b>		
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>0.0021</b>		
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2.8</b>		
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 0.002 U		
Silver, Dissolved	7440-22-4	mg/l			--	< 0.001 U		
Sodium, Dissolved	7440-23-5	mg/l			--	<b>31</b>		
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.0002 U		
Vanadium, Dissolved	7440-62-2	mg/l	830		--	<b>0.00044 J</b>		
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 0.02 U		
<b>Metals, Total</b>								
Aluminum, Total	7429-90-5	mg/l			--	<b>2.3</b>		
Antimony, Total	7440-36-0	mg/l			--	< 0.001 U		
Arsenic, Total	7440-38-2	mg/l			--	<b>0.0014</b>		
Barium, Total	7440-39-3	mg/l			--	<b>0.12</b>		
Beryllium, Total	7440-41-7	mg/l			--	< 0.0004 U		
Cadmium, Total	7440-43-9	mg/l			--	<b>0.000064 J</b>		
Calcium, Total	7440-70-2	mg/l			--	<b>75</b>		
Chromium, Total	7440-47-3	mg/l			--	<b>0.0012 J</b>		
Cobalt, Total	7440-48-4	mg/l			--	<b>0.00056</b>		
Copper, Total	7440-50-8	mg/l			--	<b>0.0031</b>		
Iron, Total	7439-89-6	mg/l			--	<b>1.4</b>		
Lead, Total	7439-92-1	mg/l			--	<b>0.0029</b>		
Magnesium, Total	7439-95-4	mg/l			--	<b>10</b>		
Manganese, Total	7439-96-5	mg/l			--	<b>0.083</b>		
Mercury, Total	7439-97-6	mg/l			--	< 0.0002 U		
Molybdenum, Total	7439-98-7	mg/l			--	<b>0.0015</b>		

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>0.0024</b>
Potassium, Total	7440-09-7	mg/l			--	<b>3.2</b>
Selenium, Total	7782-49-2	mg/l			--	< 0.002 U
Silver, Total	7440-22-4	mg/l			--	< 0.001 U
Sodium, Total	7440-23-5	mg/l			--	<b>29</b>
Thallium, Total	7440-28-0	mg/l			--	< 0.0002 U
Vanadium, Total	7440-62-2	mg/l			--	<b>0.0031</b>
Zinc, Total	7440-66-6	mg/l			--	<b>0.013 J</b>
<b>General</b>						
Alkalinity	STL00171	mg/L			--	<b>120</b>
pH	STL00204	SU			--	<b>8.11 HF</b>
Total Hardness	STL00009	mg/L			--	<b>230</b>
Total Suspended Solids	STL00161	mg/L			--	<b>36</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units			Location	ADWS-ARP		
						ADWS-ARP-150808-11		
					Sample ID	Date		
						8/8/2015		
<b>Recreational</b> <b>Agricultural</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	< 200 U		
Antimony, Dissolved	7440-36-0	mg/l			--	< 1 U		
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.58 J</b>		
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>49</b>		
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.4 U		
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.1 U		
Calcium, Dissolved	7440-70-2	mg/l			--	<b>61000</b>		
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 2 U		
Cobalt, Dissolved	7440-48-4	mg/l	50		--	< 0.4 U		
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>1.3</b>		
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 50 U		
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.17 J</b>		
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>8100</b>		
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>2.9</b>		
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.2 U		
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>1.5</b>		
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>1.2</b>		
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2200</b>		
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 2 U		
Silver, Dissolved	7440-22-4	mg/l			--	< 1 U		
Sodium, Dissolved	7440-23-5	mg/l			--	<b>14000</b>		
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.2 U		
Vanadium, Dissolved	7440-62-2	mg/l	830		--	< 1 U		
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 20 U F1		
<b>Metals, Total</b>								
Aluminum, Total	7429-90-5	mg/l			--	<b>4200</b>		
Antimony, Total	7440-36-0	mg/l			--	<b>1.5</b>		
Arsenic, Total	7440-38-2	mg/l			--	<b>11</b>		
Barium, Total	7440-39-3	mg/l			--	<b>97</b>		
Beryllium, Total	7440-41-7	mg/l			--	<b>0.29 J</b>		
Cadmium, Total	7440-43-9	mg/l			--	<b>0.55</b>		
Calcium, Total	7440-70-2	mg/l			--	<b>69000</b>		
Chromium, Total	7440-47-3	mg/l			--	<b>1.7 J</b>		
Cobalt, Total	7440-48-4	mg/l			--	<b>1.3</b>		
Copper, Total	7440-50-8	mg/l			--	<b>49</b>		
Iron, Total	7439-89-6	mg/l			--	<b>15000</b>		
Lead, Total	7439-92-1	mg/l			--	<b>230</b>		
Magnesium, Total	7439-95-4	mg/l			--	<b>9400</b>		
Manganese, Total	7439-96-5	mg/l			--	<b>260</b>		
Mercury, Total	7439-97-6	mg/l			--	< 0.2 U		
Molybdenum, Total	7439-98-7	mg/l			--	<b>4</b>		

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>2.1</b>
Potassium, Total	7440-09-7	mg/l			--	<b>3700</b>
Selenium, Total	7782-49-2	mg/l			--	<b>0.58 J</b>
Silver, Total	7440-22-4	mg/l			--	<b>1.6</b>
Sodium, Total	7440-23-5	mg/l			--	<b>15000</b>
Thallium, Total	7440-28-0	mg/l			--	<b>0.12 J</b>
Vanadium, Total	7440-62-2	mg/l			--	<b>10</b>
Zinc, Total	7440-66-6	mg/l			--	<b>180</b>

**General**

Alkalinity	STL00171	mg/L			--	<b>87</b>
pH	STL00204	SU			--	<b>8.04 HF</b>
Total Hardness	STL00009	mg/L			--	<b>290</b>
Total Suspended Solids	STL00161	mg/L			--	<b>210</b>
						<b>140</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			<b>Location</b>	<b>ADWS-IT1</b>
						ADWS-IT1-150808-11
					<b>Date</b>	8/8/2015
			Recreational	Agricultural		
<b>Metals, Dissolved</b>			<b>I RSL</b>	<b>e</b>		
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	< 200 U
Antimony, Dissolved	7440-36-0	mg/l			--	< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	< 1 U
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>50</b>
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l			--	<b>60000</b>
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50		--	< 0.4 U
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>1.4</b>
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 50 U
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.15 J</b>
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>8100</b>
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>3</b>
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>1.3</b>
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>1.2</b>
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2100</b>
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 2 U
Silver, Dissolved	7440-22-4	mg/l			--	< 1 U
Sodium, Dissolved	7440-23-5	mg/l			--	<b>13000</b>
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	<b>0.15 J</b>
Vanadium, Dissolved	7440-62-2	mg/l	830		--	< 1 U
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 20 U
<b>Metals, Total</b>						
Aluminum, Total	7429-90-5	mg/l			--	<b>2800</b>
Antimony, Total	7440-36-0	mg/l			--	<b>1.1</b>
Arsenic, Total	7440-38-2	mg/l			--	<b>7.6</b>
Barium, Total	7440-39-3	mg/l			--	<b>84</b>
Beryllium, Total	7440-41-7	mg/l			--	<b>0.2 J</b>
Cadmium, Total	7440-43-9	mg/l			--	<b>0.4</b>
Calcium, Total	7440-70-2	mg/l			--	<b>67000</b>
Chromium, Total	7440-47-3	mg/l			--	<b>1.1 J</b>
Cobalt, Total	7440-48-4	mg/l			--	<b>0.95</b>
Copper, Total	7440-50-8	mg/l			--	<b>34</b>
Iron, Total	7439-89-6	mg/l			--	<b>10000</b>
Lead, Total	7439-92-1	mg/l			--	<b>150</b>
Magnesium, Total	7439-95-4	mg/l			--	<b>9100</b>
Manganese, Total	7439-96-5	mg/l			--	<b>200</b>
Mercury, Total	7439-97-6	mg/l			--	< 0.2 U
Molybdenum, Total	7439-98-7	mg/l			--	<b>3</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>1.8</b>
Potassium, Total	7440-09-7	mg/l			--	<b>3200</b>
Selenium, Total	7782-49-2	mg/l			--	< 2 U
Silver, Total	7440-22-4	mg/l			--	<b>1</b>
Sodium, Total	7440-23-5	mg/l			--	<b>14000</b>
Thallium, Total	7440-28-0	mg/l			--	< 0.2 U
Vanadium, Total	7440-62-2	mg/l			--	<b>6.9</b>
Zinc, Total	7440-66-6	mg/l			--	<b>140</b>

**General**

Alkalinity	STL00171	mg/L			--	<b>94</b>
pH	STL00204	SU			--	<b>8.06 HF</b>
Total Hardness	STL00009	mg/L			--	<b>260</b>
Total Suspended Solids	STL00161	mg/L			--	<b>200</b>
						<b>93</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	ADWS-IT2
					Sample ID	ADWS-IT2-150808-
						11
Date	8/8/2015					

Metals, Dissolved	Recreational			Agricultural		
	RSL	1 RSL	e			
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	< 200 U
Antimony, Dissolved	7440-36-0	mg/l			--	< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.5 J</b>
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>55</b>
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l			--	<b>57000</b>
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50		--	< 0.4 U
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>1.6</b>
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 50 U
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.25 J</b>
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>7800</b>
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>5.6</b>
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>1.2</b>
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>1.3</b>
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2300</b>
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 2 U
Silver, Dissolved	7440-22-4	mg/l			--	< 1 U
Sodium, Dissolved	7440-23-5	mg/l			--	<b>13000</b>
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830		--	<b>0.41 J</b>
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 20 U

Metals, Total						
Aluminum, Total	7429-90-5	mg/l			--	<b>1900</b>
Antimony, Total	7440-36-0	mg/l			--	<b>0.73 J</b>
Arsenic, Total	7440-38-2	mg/l			--	<b>4.4</b>
Barium, Total	7440-39-3	mg/l			--	<b>75</b>
Beryllium, Total	7440-41-7	mg/l			--	< 0.4 U
Cadmium, Total	7440-43-9	mg/l			--	<b>0.3</b>
Calcium, Total	7440-70-2	mg/l			--	<b>61000</b>
Chromium, Total	7440-47-3	mg/l			--	< 2 U
Cobalt, Total	7440-48-4	mg/l			--	<b>0.68</b>
Copper, Total	7440-50-8	mg/l			--	<b>23</b>
Iron, Total	7439-89-6	mg/l			--	<b>6000</b>
Lead, Total	7439-92-1	mg/l			--	<b>81</b>
Magnesium, Total	7439-95-4	mg/l			--	<b>8400</b>
Manganese, Total	7439-96-5	mg/l			--	<b>150</b>
Mercury, Total	7439-97-6	mg/l			--	< 0.2 U
Molybdenum, Total	7439-98-7	mg/l			--	<b>2</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>1.4</b>
Potassium, Total	7440-09-7	mg/l			--	<b>2900</b>
Selenium, Total	7782-49-2	mg/l			--	< 2 U
Silver, Total	7440-22-4	mg/l			--	<b>0.55 J</b>
Sodium, Total	7440-23-5	mg/l			--	<b>13000</b>
Thallium, Total	7440-28-0	mg/l			--	< 0.2 U
Vanadium, Total	7440-62-2	mg/l			--	<b>4.3</b>
Zinc, Total	7440-66-6	mg/l			--	<b>110</b>

**General**

Alkalinity	STL00171	mg/L			--	<b>91</b>
pH	STL00204	SU			--	<b>8.13 HF</b>
Total Hardness	STL00009	mg/L			--	<b>260</b>
Total Suspended Solids	STL00161	mg/L			--	<b>190</b>
						<b>67</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units			Location	FWS-ARP2		
						FWS-ARP2-150808-11		
					Sample ID	Date		
						8/8/2015		
<b>Recreational</b> <b>Agricultural</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	< 200 U		
Antimony, Dissolved	7440-36-0	mg/l			--	< 1 U		
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.38 J</b>		
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>56</b>		
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.4 U		
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.1 U		
Calcium, Dissolved	7440-70-2	mg/l			--	<b>66000</b>		
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 2 U		
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.12 J</b>		
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>1.4</b>		
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 50 U		
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.14 J</b>		
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>8300</b>		
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>1.7 J</b>		
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.2 U		
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>1.7</b>		
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>1.4</b>		
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2200</b>		
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 2 U		
Silver, Dissolved	7440-22-4	mg/l			--	< 1 U		
Sodium, Dissolved	7440-23-5	mg/l			--	<b>16000</b>		
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.2 U		
Vanadium, Dissolved	7440-62-2	mg/l	830		--	<b>0.37 J</b>		
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 20 U F1		
<b>Metals, Total</b>								
Aluminum, Total	7429-90-5	mg/l			--	<b>5300 F1</b>		
Antimony, Total	7440-36-0	mg/l			--	<b>1.6</b>		
Arsenic, Total	7440-38-2	mg/l			--	<b>11</b>		
Barium, Total	7440-39-3	mg/l			--	<b>100</b>		
Beryllium, Total	7440-41-7	mg/l			--	<b>0.31 J</b>		
Cadmium, Total	7440-43-9	mg/l			--	<b>0.5</b>		
Calcium, Total	7440-70-2	mg/l			--	<b>69000</b>		
Chromium, Total	7440-47-3	mg/l			--	<b>1.8 J</b>		
Cobalt, Total	7440-48-4	mg/l			--	<b>1.2</b>		
Copper, Total	7440-50-8	mg/l			--	<b>47</b>		
Iron, Total	7439-89-6	mg/l			--	<b>16000</b>		
Lead, Total	7439-92-1	mg/l			--	<b>220</b>		
Magnesium, Total	7439-95-4	mg/l			--	<b>9400</b>		
Manganese, Total	7439-96-5	mg/l			--	<b>220</b>		
Mercury, Total	7439-97-6	mg/l			--	< 0.2 U		
Molybdenum, Total	7439-98-7	mg/l			--	<b>4.1</b>		

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>2.1</b>
Potassium, Total	7440-09-7	mg/l			--	<b>4000</b>
Selenium, Total	7782-49-2	mg/l			--	<b>1 J</b>
Silver, Total	7440-22-4	mg/l			--	<b>1.6</b>
Sodium, Total	7440-23-5	mg/l			--	<b>17000</b>
Thallium, Total	7440-28-0	mg/l			--	<b>0.12 J</b>
Vanadium, Total	7440-62-2	mg/l			--	<b>11</b>
Zinc, Total	7440-66-6	mg/l			--	<b>170</b>

**General**

Alkalinity	STL00171	mg/L			--	<b>88</b>
pH	STL00204	SU			--	<b>8.1 HF</b>
Total Hardness	STL00009	mg/L			--	<b>290</b>
Total Suspended Solids	STL00161	mg/L			--	<b>210</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units			Location	FWS-FDPS		
						FWS-FDPS-150808-11		
					Sample ID	Date		
						8/8/2015		
<b>Recreational</b> <b>Agricultural</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	< 200 U		
Antimony, Dissolved	7440-36-0	mg/l			--	< 1 U		
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.76 J</b>		
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>60</b>		
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.4 U		
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.1 U		
Calcium, Dissolved	7440-70-2	mg/l			--	<b>66000</b>		
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 2 U		
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.14 J</b>		
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>1.6</b>		
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 50 U		
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.2 J</b>		
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>8400</b>		
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>1.6 J</b>		
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.2 U		
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>1.7</b>		
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>1.8</b>		
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2200</b>		
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 2 U		
Silver, Dissolved	7440-22-4	mg/l			--	< 1 U		
Sodium, Dissolved	7440-23-5	mg/l			--	<b>16000</b>		
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.2 U		
Vanadium, Dissolved	7440-62-2	mg/l	830		--	<b>0.36 J</b>		
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 20 U		
<b>Metals, Total</b>								
Aluminum, Total	7429-90-5	mg/l			--	<b>5000</b>		
Antimony, Total	7440-36-0	mg/l			--	<b>1.4</b>		
Arsenic, Total	7440-38-2	mg/l			--	<b>10</b>		
Barium, Total	7440-39-3	mg/l			--	<b>110</b>		
Beryllium, Total	7440-41-7	mg/l			--	<b>0.3 J</b>		
Cadmium, Total	7440-43-9	mg/l			--	<b>0.45</b>		
Calcium, Total	7440-70-2	mg/l			--	<b>70000</b>		
Chromium, Total	7440-47-3	mg/l			--	<b>1.8 J</b>		
Cobalt, Total	7440-48-4	mg/l			--	<b>1.3</b>		
Copper, Total	7440-50-8	mg/l			--	<b>43</b>		
Iron, Total	7439-89-6	mg/l			--	<b>14000</b>		
Lead, Total	7439-92-1	mg/l			--	<b>200</b>		
Magnesium, Total	7439-95-4	mg/l			--	<b>9600</b>		
Manganese, Total	7439-96-5	mg/l			--	<b>230</b>		
Mercury, Total	7439-97-6	mg/l			--	< 0.2 U		
Molybdenum, Total	7439-98-7	mg/l			--	<b>3.7</b>		

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>2.3</b>
Potassium, Total	7440-09-7	mg/l			--	<b>3800</b>
Selenium, Total	7782-49-2	mg/l			--	<b>0.83 J</b>
Silver, Total	7440-22-4	mg/l			--	<b>1.4</b>
Sodium, Total	7440-23-5	mg/l			--	<b>17000</b>
Thallium, Total	7440-28-0	mg/l			--	<b>0.11 J</b>
Vanadium, Total	7440-62-2	mg/l			--	<b>10</b>
Zinc, Total	7440-66-6	mg/l			--	<b>160</b>

**General**

Alkalinity	STL00171	mg/L			--	<b>90</b>
pH	STL00204	SU			--	<b>8.1 HF</b>
Total Hardness	STL00009	mg/L			--	<b>290</b>
Total Suspended Solids	STL00161	mg/L			--	<b>210</b>
						<b>150</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	LVW-FD
					Sample ID	LVW-FD-150808-11
					Date	8/8/2015

Metals, Dissolved	Recreational			Agricultural		
	RSL	1 RSL	e			
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	<b>390</b>
Antimony, Dissolved	7440-36-0	mg/l			--	< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.76 J</b>
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>81</b>
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l			--	<b>52000</b>
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.23 J</b>
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>1.7</b>
Iron, Dissolved	7439-89-6	mg/l	120000		--	<b>220</b>
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.5</b>
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>6600</b>
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>20</b>
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>1.8</b>
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>1.8</b>
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2500</b>
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 2 U
Silver, Dissolved	7440-22-4	mg/l			--	< 1 U
Sodium, Dissolved	7440-23-5	mg/l			--	<b>20000</b>
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.2 U
Vanadium, Dissolved	7440-62-2	mg/l	830		--	<b>0.73 J</b>
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 20 U
<b>Metals, Total</b>						
Aluminum, Total	7429-90-5	mg/l			--	<b>22000</b>
Antimony, Total	7440-36-0	mg/l			--	<b>0.64 J</b>
Arsenic, Total	7440-38-2	mg/l			--	<b>14</b>
Barium, Total	7440-39-3	mg/l			--	<b>370</b>
Beryllium, Total	7440-41-7	mg/l			--	<b>1.2</b>
Cadmium, Total	7440-43-9	mg/l			--	<b>0.34</b>
Calcium, Total	7440-70-2	mg/l			--	<b>64000</b>
Chromium, Total	7440-47-3	mg/l			--	<b>12</b>
Cobalt, Total	7440-48-4	mg/l			--	<b>8.3</b>
Copper, Total	7440-50-8	mg/l			--	<b>55</b>
Iron, Total	7439-89-6	mg/l			--	<b>30000</b>
Lead, Total	7439-92-1	mg/l			--	<b>240</b>
Magnesium, Total	7439-95-4	mg/l			--	<b>11000</b>
Manganese, Total	7439-96-5	mg/l			--	<b>530</b>
Mercury, Total	7439-97-6	mg/l			--	<b>0.089 J</b>
Molybdenum, Total	7439-98-7	mg/l			--	<b>3.4</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>12</b>
Potassium, Total	7440-09-7	mg/l			--	<b>7000</b>
Selenium, Total	7782-49-2	mg/l			--	<b>1.4 J</b>
Silver, Total	7440-22-4	mg/l			--	<b>1.6</b>
Sodium, Total	7440-23-5	mg/l			--	<b>22000</b>
Thallium, Total	7440-28-0	mg/l			--	<b>0.29</b>
Vanadium, Total	7440-62-2	mg/l			--	<b>34</b>
Zinc, Total	7440-66-6	mg/l			--	<b>160</b>
<b>General</b>						
Alkalinity	STL00171	mg/L			--	<b>83</b>
pH	STL00204	SU			--	<b>8.03 HF</b>
Total Hardness	STL00009	mg/L			--	<b>260</b>
Total Suspended Solids	STL00161	mg/L			--	<b>210</b>
						<b>910</b>

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			<b>Location</b>	LVW-WPI
					Sample ID	LVW-WPI-150808-11
					Date	8/8/2015
			Recreational	Agricultural		
<b>Metals, Dissolved</b>						
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	<b>270</b>
Antimony, Dissolved	7440-36-0	mg/l			--	< 1 U
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.76 J</b>
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>70</b>
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.4 U
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.1 U
Calcium, Dissolved	7440-70-2	mg/l			--	<b>51000</b>
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 2 U
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.18 J</b>
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>1.5</b>
Iron, Dissolved	7439-89-6	mg/l	120000		--	<b>150</b>
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.36</b>
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>6500</b>
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>3.5</b>
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.2 U
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>1.8</b>
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>1.5</b>
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2500</b>
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 2 U
Silver, Dissolved	7440-22-4	mg/l			--	< 1 U
Sodium, Dissolved	7440-23-5	mg/l			--	<b>19000</b>
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	<b>0.15 J</b>
Vanadium, Dissolved	7440-62-2	mg/l	830		--	<b>0.68 J</b>
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 20 U
<b>Metals, Total</b>						
Aluminum, Total	7429-90-5	mg/l			--	<b>29000</b>
Antimony, Total	7440-36-0	mg/l			--	<b>1.2</b>
Arsenic, Total	7440-38-2	mg/l			--	<b>15</b>
Barium, Total	7440-39-3	mg/l			--	<b>400</b>
Beryllium, Total	7440-41-7	mg/l			--	<b>1.5</b>
Cadmium, Total	7440-43-9	mg/l			--	<b>0.45</b>
Calcium, Total	7440-70-2	mg/l			--	<b>67000</b>
Chromium, Total	7440-47-3	mg/l			--	<b>17</b>
Cobalt, Total	7440-48-4	mg/l			--	<b>10</b>
Copper, Total	7440-50-8	mg/l			--	<b>58</b>
Iron, Total	7439-89-6	mg/l			--	<b>36000</b>
Lead, Total	7439-92-1	mg/l			--	<b>240</b>
Magnesium, Total	7439-95-4	mg/l			--	<b>12000</b>
Manganese, Total	7439-96-5	mg/l			--	<b>620</b>
Mercury, Total	7439-97-6	mg/l			--	< 0.2 U
Molybdenum, Total	7439-98-7	mg/l			--	<b>4.4</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>14</b>
Potassium, Total	7440-09-7	mg/l			--	<b>8400</b>
Selenium, Total	7782-49-2	mg/l			--	<b>1 J</b>
Silver, Total	7440-22-4	mg/l			--	<b>1.5</b>
Sodium, Total	7440-23-5	mg/l			--	<b>21000</b>
Thallium, Total	7440-28-0	mg/l			--	<b>0.37</b>
Vanadium, Total	7440-62-2	mg/l			--	<b>46</b>
Zinc, Total	7440-66-6	mg/l			--	<b>170</b>

**General**

Alkalinity	STL00171	mg/L			--	<b>83</b>
pH	STL00204	SU			--	<b>8.02 HF</b>
Total Hardness	STL00009	mg/L			--	<b>270</b>
Total Suspended Solids	STL00161	mg/L			--	<b>220</b>
						<b>1100</b>

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PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			<b>Location</b>	<b>MWSS-ARI</b>	
					<b>Sample ID</b>		
			<b>Recreational</b>	<b>Agricultural</b>			
			<b>I RSL</b>	<b>e</b>			
<b>Metals, Dissolved</b>							
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	< 200 U	
Antimony, Dissolved	7440-36-0	mg/l			--	< 1 U	
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.52 J</b>	
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>57</b>	
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.4 U	
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.1 U	
Calcium, Dissolved	7440-70-2	mg/l			--	<b>67000</b>	
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 2 U	
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.15 J</b>	
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>1.6</b>	
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 50 U	
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.23 J</b>	
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>8600</b>	
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>4.3</b>	
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.2 U	
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>1.7</b>	
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>1.9</b>	
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2200</b>	
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 2 U	
Silver, Dissolved	7440-22-4	mg/l			--	< 1 U	
Sodium, Dissolved	7440-23-5	mg/l			--	<b>16000</b>	
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.2 U	
Vanadium, Dissolved	7440-62-2	mg/l	830		--	<b>0.3 J</b>	
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 20 U	
<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	mg/l			--	<b>4600</b>	
Antimony, Total	7440-36-0	mg/l			--	<b>1.5</b>	
Arsenic, Total	7440-38-2	mg/l			--	<b>11</b>	
Barium, Total	7440-39-3	mg/l			--	<b>110</b>	
Beryllium, Total	7440-41-7	mg/l			--	<b>0.29 J</b>	
Cadmium, Total	7440-43-9	mg/l			--	<b>0.51</b>	
Calcium, Total	7440-70-2	mg/l			--	<b>68000</b>	
Chromium, Total	7440-47-3	mg/l			--	<b>1.8 J</b>	
Cobalt, Total	7440-48-4	mg/l			--	<b>1.3</b>	
Copper, Total	7440-50-8	mg/l			--	<b>46</b>	
Iron, Total	7439-89-6	mg/l			--	<b>14000</b>	
Lead, Total	7439-92-1	mg/l			--	<b>210</b>	
Magnesium, Total	7439-95-4	mg/l			--	<b>9200</b>	
Manganese, Total	7439-96-5	mg/l			--	<b>230</b>	
Mercury, Total	7439-97-6	mg/l			--	< 0.2 U	
Molybdenum, Total	7439-98-7	mg/l			--	<b>3.9</b>	

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>2.2</b>
Potassium, Total	7440-09-7	mg/l			--	<b>3600</b>
Selenium, Total	7782-49-2	mg/l			--	<b>0.69 J</b>
Silver, Total	7440-22-4	mg/l			--	<b>1.5</b>
Sodium, Total	7440-23-5	mg/l			--	<b>16000</b>
Thallium, Total	7440-28-0	mg/l			--	<b>0.11 J</b>
Vanadium, Total	7440-62-2	mg/l			--	<b>10</b>
Zinc, Total	7440-66-6	mg/l			--	<b>170</b>

**General**

Alkalinity	STL00171	mg/L			--	<b>89</b>
pH	STL00204	SU			--	<b>8.12 HF</b>
Total Hardness	STL00009	mg/L			--	<b>290</b>
Total Suspended Solids	STL00161	mg/L			--	<b>210</b>
						<b>150</b>

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units			Location	NSW-ARI		
					Sample ID	NSW-ARI-150808-11		
					Date	8/8/2015		
<b>Recreational</b> <b>Agricultural</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	< 200 U		
Antimony, Dissolved	7440-36-0	mg/l			--	< 1 U		
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	<b>0.62 J</b>		
Barium, Dissolved	7440-39-3	mg/l	33000		--	<b>52</b>		
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	< 0.4 U		
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	< 0.1 U		
Calcium, Dissolved	7440-70-2	mg/l			--	<b>58000</b>		
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	< 2 U		
Cobalt, Dissolved	7440-48-4	mg/l	50		--	<b>0.12 J</b>		
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	<b>1.5</b>		
Iron, Dissolved	7439-89-6	mg/l	120000		--	< 50 U		
Lead, Dissolved	7439-92-1	mg/l	200	100	--	<b>0.15 J</b>		
Magnesium, Dissolved	7439-95-4	mg/l			--	<b>7900</b>		
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	<b>5.4</b>		
Mercury, Dissolved	7439-97-6	mg/l			--	< 0.2 U		
Molybdenum, Dissolved	7439-98-7	mg/l			--	<b>1.3</b>		
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	<b>1.3</b>		
Potassium, Dissolved	7440-09-7	mg/l			--	<b>2200</b>		
Selenium, Dissolved	7782-49-2	mg/l		20	--	< 2 U		
Silver, Dissolved	7440-22-4	mg/l			--	< 1 U		
Sodium, Dissolved	7440-23-5	mg/l			--	<b>12000</b>		
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	< 0.2 U		
Vanadium, Dissolved	7440-62-2	mg/l	830		--	< 1 U		
Zinc, Dissolved	7440-66-6	mg/l	50000		--	< 20 U		
<b>Metals, Total</b>								
Aluminum, Total	7429-90-5	mg/l			--	<b>2200</b>		
Antimony, Total	7440-36-0	mg/l			--	<b>0.93 J</b>		
Arsenic, Total	7440-38-2	mg/l			--	<b>6.1</b>		
Barium, Total	7440-39-3	mg/l			--	<b>80</b>		
Beryllium, Total	7440-41-7	mg/l			--	<b>0.16 J</b>		
Cadmium, Total	7440-43-9	mg/l			--	<b>0.38</b>		
Calcium, Total	7440-70-2	mg/l			--	<b>63000</b>		
Chromium, Total	7440-47-3	mg/l			--	< 2 U		
Cobalt, Total	7440-48-4	mg/l			--	<b>0.78</b>		
Copper, Total	7440-50-8	mg/l			--	<b>29</b>		
Iron, Total	7439-89-6	mg/l			--	<b>8300</b>		
Lead, Total	7439-92-1	mg/l			--	<b>110</b>		
Magnesium, Total	7439-95-4	mg/l			--	<b>8700</b>		
Manganese, Total	7439-96-5	mg/l			--	<b>170</b>		
Mercury, Total	7439-97-6	mg/l			--	< 0.2 U		
Molybdenum, Total	7439-98-7	mg/l			--	<b>2.5</b>		

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	<b>1.7</b>
Potassium, Total	7440-09-7	mg/l			--	<b>3000</b>
Selenium, Total	7782-49-2	mg/l			--	<b>0.61 J</b>
Silver, Total	7440-22-4	mg/l			--	<b>0.8 J</b>
Sodium, Total	7440-23-5	mg/l			--	<b>13000</b>
Thallium, Total	7440-28-0	mg/l			--	< 0.2 U
Vanadium, Total	7440-62-2	mg/l			--	<b>5.5</b>
Zinc, Total	7440-66-6	mg/l			--	<b>130</b>
<b>General</b>						
Alkalinity	STL00171	mg/L			--	<b>99</b>
pH	STL00204	SU			--	<b>8.12 HF</b>
Total Hardness	STL00009	mg/L			--	<b>270</b>
Total Suspended Solids	STL00161	mg/L			--	<b>190</b>
						<b>71</b>

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	ADW-010						
						ADW-010-150809-11						
						8/9/2015						
<b>Recreational</b> <b>Agricultural</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	24						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	60						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	63000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	1.9						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.18						
Magnesium, Dissolved	7439-95-4	mg/l			--	8700						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	9.3						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.1						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	0.99						
Potassium, Dissolved	7440-09-7	mg/l			--	2200						
Selenium, Dissolved	7782-49-2	mg/l		20	--	2						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	14000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	29						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	440						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	1.3						
Barium, Total	7440-39-3	mg/l			--	70						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.19						
Calcium, Total	7440-70-2	mg/l			--	64000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.42						
Copper, Total	7440-50-8	mg/l			--	9.2						
Iron, Total	7439-89-6	mg/l			--	1800						
Lead, Total	7439-92-1	mg/l			--	14						
Magnesium, Total	7439-95-4	mg/l			--	8600						
Manganese, Total	7439-96-5	mg/l			--	120						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	0.86						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1
Potassium, Total	7440-09-7	mg/l			--	2300
Selenium, Total	7782-49-2	mg/l			--	2
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	14000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	1.6
Zinc, Total	7440-66-6	mg/l			--	63
<b>General</b>						
Alkalinity	STL00171	mg/L			--	91
pH	STL00204	SU			--	8.09
Total Hardness	STL00009	mg/L			--	260
Total Suspended Solids	STL00161	mg/L			--	190
						260

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	ADW-021						
						ADW-021-150809-11						
						8/9/2015						
<b>Recreational</b> <b>Agricultural</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	24						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	59						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	63000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	1.8						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.076						
Magnesium, Dissolved	7439-95-4	mg/l			--	8600						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	8.9						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.2						
Potassium, Dissolved	7440-09-7	mg/l			--	2100						
Selenium, Dissolved	7782-49-2	mg/l		20	--	2						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	13000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	9.1						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	400						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	1.3						
Barium, Total	7440-39-3	mg/l			--	70						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.14						
Calcium, Total	7440-70-2	mg/l			--	65000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.39						
Copper, Total	7440-50-8	mg/l			--	8.6						
Iron, Total	7439-89-6	mg/l			--	1600						
Lead, Total	7439-92-1	mg/l			--	14						
Magnesium, Total	7439-95-4	mg/l			--	8700						
Manganese, Total	7439-96-5	mg/l			--	110						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	0.91						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1
Potassium, Total	7440-09-7	mg/l			--	2200
Selenium, Total	7782-49-2	mg/l			--	2
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	13000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	1.4
Zinc, Total	7440-66-6	mg/l			--	60
<b>General</b>						
Alkalinity	STL00171	mg/L			--	85
pH	STL00204	SU			--	7.67
Total Hardness	STL00009	mg/L			--	160
Total Suspended Solids	STL00161	mg/L			--	200
						160

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	ADW-022						
						ADW-022-150809-11						
						8/9/2015						
<b>Recreational</b> <b>Agricultural</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	37						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	61						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	62000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.33						
Magnesium, Dissolved	7439-95-4	mg/l			--	8300						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	14						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	0.98						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.2						
Potassium, Dissolved	7440-09-7	mg/l			--	2100						
Selenium, Dissolved	7782-49-2	mg/l		20	--	2						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	12000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	5.9						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	780						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	1.7						
Barium, Total	7440-39-3	mg/l			--	71						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.18						
Calcium, Total	7440-70-2	mg/l			--	62000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.44						
Copper, Total	7440-50-8	mg/l			--	10						
Iron, Total	7439-89-6	mg/l			--	2400						
Lead, Total	7439-92-1	mg/l			--	34						
Magnesium, Total	7439-95-4	mg/l			--	8200						
Manganese, Total	7439-96-5	mg/l			--	98						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	1.2						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1.1
Potassium, Total	7440-09-7	mg/l			--	2200
Selenium, Total	7782-49-2	mg/l			--	2
Silver, Total	7440-22-4	mg/l			--	0.21
Sodium, Total	7440-23-5	mg/l			--	11000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	1.9
Zinc, Total	7440-66-6	mg/l			--	58
<b>General</b>						
Alkalinity	STL00171	mg/L			--	88
pH	STL00204	SU			--	8.16
Total Hardness	STL00009	mg/L			--	250
Total Suspended Solids	STL00161	mg/L			--	190
						250

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	FW-012				
					Sample ID	FW-012-150809-11				
					Date	8/9/2015				
<b>Recreational</b> <b>Agricultural</b>										
<b>Metals, Dissolved</b>										
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	46				
Antimony, Dissolved	7440-36-0	mg/l			--	0.4				
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37				
Barium, Dissolved	7440-39-3	mg/l	33000		--	62				
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15				
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043				
Calcium, Dissolved	7440-70-2	mg/l			--	68000				
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1				
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12				
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.1				
Iron, Dissolved	7439-89-6	mg/l	120000		--	34				
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.84				
Magnesium, Dissolved	7439-95-4	mg/l			--	8900				
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	13				
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U				
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.2				
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	0.87				
Potassium, Dissolved	7440-09-7	mg/l			--	2200				
Selenium, Dissolved	7782-49-2	mg/l		20	--	2				
Silver, Dissolved	7440-22-4	mg/l			--	0.1				
Sodium, Dissolved	7440-23-5	mg/l			--	16000				
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1				
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3				
Zinc, Dissolved	7440-66-6	mg/l	50000		--	15				
<b>Metals, Total</b>										
Aluminum, Total	7429-90-5	mg/l			--	1300				
Antimony, Total	7440-36-0	mg/l			--	0.45				
Arsenic, Total	7440-38-2	mg/l			--	2.2				
Barium, Total	7440-39-3	mg/l			--	80				
Beryllium, Total	7440-41-7	mg/l			--	0.15				
Cadmium, Total	7440-43-9	mg/l			--	0.11				
Calcium, Total	7440-70-2	mg/l			--	68000				
Chromium, Total	7440-47-3	mg/l			--	1				
Cobalt, Total	7440-48-4	mg/l			--	0.62				
Copper, Total	7440-50-8	mg/l			--	12				
Iron, Total	7439-89-6	mg/l			--	3200				
Lead, Total	7439-92-1	mg/l			--	41				
Magnesium, Total	7439-95-4	mg/l			--	9100				
Manganese, Total	7439-96-5	mg/l			--	120				
Mercury, Total	7439-97-6	mg/l			--	0.08 U				
Molybdenum, Total	7439-98-7	mg/l			--	1.6				

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1.4
Potassium, Total	7440-09-7	mg/l			--	2500
Selenium, Total	7782-49-2	mg/l			--	2
Silver, Total	7440-22-4	mg/l			--	0.27
Sodium, Total	7440-23-5	mg/l			--	16000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	2.6
Zinc, Total	7440-66-6	mg/l			--	63
<b>General</b>						
Alkalinity	STL00171	mg/L			--	94
pH	STL00204	SU			--	8.26
Total Hardness	STL00009	mg/L			--	290
Total Suspended Solids	STL00161	mg/L			--	210
						290

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	FW-040				
						FW-040-150809-11				
					Date	8/9/2015				
<b>Recreational</b> <b>Agricultural</b>										
<b>Metals, Dissolved</b>										
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	24				
Antimony, Dissolved	7440-36-0	mg/l			--	0.4				
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37				
Barium, Dissolved	7440-39-3	mg/l	33000		--	66				
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15				
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043				
Calcium, Dissolved	7440-70-2	mg/l			--	70000				
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1				
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12				
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	4.3				
Iron, Dissolved	7439-89-6	mg/l	120000		--	17				
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.19				
Magnesium, Dissolved	7439-95-4	mg/l			--	9200				
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	6.6				
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U				
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.2				
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	2.3				
Potassium, Dissolved	7440-09-7	mg/l			--	2300				
Selenium, Dissolved	7782-49-2	mg/l		20	--	2				
Silver, Dissolved	7440-22-4	mg/l			--	0.1				
Sodium, Dissolved	7440-23-5	mg/l			--	16000				
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1				
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3				
Zinc, Dissolved	7440-66-6	mg/l	50000		--	86				
<b>Metals, Total</b>										
Aluminum, Total	7429-90-5	mg/l			--	510				
Antimony, Total	7440-36-0	mg/l			--	0.4				
Arsenic, Total	7440-38-2	mg/l			--	1.6				
Barium, Total	7440-39-3	mg/l			--	80				
Beryllium, Total	7440-41-7	mg/l			--	0.15				
Cadmium, Total	7440-43-9	mg/l			--	0.19				
Calcium, Total	7440-70-2	mg/l			--	69000				
Chromium, Total	7440-47-3	mg/l			--	1				
Cobalt, Total	7440-48-4	mg/l			--	0.58				
Copper, Total	7440-50-8	mg/l			--	10				
Iron, Total	7439-89-6	mg/l			--	1900				
Lead, Total	7439-92-1	mg/l			--	14				
Magnesium, Total	7439-95-4	mg/l			--	8800				
Manganese, Total	7439-96-5	mg/l			--	160				
Mercury, Total	7439-97-6	mg/l			--	0.08 U				
Molybdenum, Total	7439-98-7	mg/l			--	0.93				

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1.2
Potassium, Total	7440-09-7	mg/l			--	2200
Selenium, Total	7782-49-2	mg/l			--	2
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	16000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	1.8
Zinc, Total	7440-66-6	mg/l			--	71
<b>General</b>						
Alkalinity	STL00171	mg/L			--	110
pH	STL00204	SU			--	8.15
Total Hardness	STL00009	mg/L			--	280
Total Suspended Solids	STL00161	mg/L			--	210
						280

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	LVW-020						
						LVW-020-150809-11						
						Date						
						8/9/2015						
<b>Recreational</b> <b>Agricultural</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	24						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.78						
Barium, Dissolved	7440-39-3	mg/l	33000		--	73						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	54000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.13						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	1.7						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.085						
Magnesium, Dissolved	7439-95-4	mg/l			--	7100						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	3.9						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.5						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.3						
Potassium, Dissolved	7440-09-7	mg/l			--	2400						
Selenium, Dissolved	7782-49-2	mg/l		20	--	2						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	20000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.6						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	66						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	3200						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	2.4						
Barium, Total	7440-39-3	mg/l			--	170						
Beryllium, Total	7440-41-7	mg/l			--	0.65						
Cadmium, Total	7440-43-9	mg/l			--	0.15						
Calcium, Total	7440-70-2	mg/l			--	63000						
Chromium, Total	7440-47-3	mg/l			--	1.3						
Cobalt, Total	7440-48-4	mg/l			--	3.2						
Copper, Total	7440-50-8	mg/l			--	12						
Iron, Total	7439-89-6	mg/l			--	2400						
Lead, Total	7439-92-1	mg/l			--	11						
Magnesium, Total	7439-95-4	mg/l			--	8000						
Manganese, Total	7439-96-5	mg/l			--	340						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	0.7						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	3.4
Potassium, Total	7440-09-7	mg/l			--	3100
Selenium, Total	7782-49-2	mg/l			--	2
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	19000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	6.8
Zinc, Total	7440-66-6	mg/l			--	45
<b>General</b>						
Alkalinity	STL00171	mg/L			--	96
pH	STL00204	SU			--	8.08
Total Hardness	STL00009	mg/L			--	200
Total Suspended Solids	STL00161	mg/L			--	190
						200

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	LVW-030	
						LVW-030-150809-11	
						8/9/2015	
			Recreational	Agricultural			
<b>Metals, Dissolved</b>			<b>I RSL</b>	<b>e</b>			
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	440	
Antimony, Dissolved	7440-36-0	mg/l			--	0.4	
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.49	
Barium, Dissolved	7440-39-3	mg/l	33000		--	82	
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15	
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043	
Calcium, Dissolved	7440-70-2	mg/l			--	53000	
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1	
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.37	
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.4	
Iron, Dissolved	7439-89-6	mg/l	120000		--	290	
Lead, Dissolved	7439-92-1	mg/l	200	100	--	1.1	
Magnesium, Dissolved	7439-95-4	mg/l			--	6900	
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	23	
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U	
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.3	
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.6	
Potassium, Dissolved	7440-09-7	mg/l			--	2500	
Selenium, Dissolved	7782-49-2	mg/l		20	--	2	
Silver, Dissolved	7440-22-4	mg/l			--	0.1	
Sodium, Dissolved	7440-23-5	mg/l			--	20000	
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1	
Vanadium, Dissolved	7440-62-2	mg/l	830		--	1.4	
Zinc, Dissolved	7440-66-6	mg/l	50000		--	48	
<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	mg/l			--	4300	
Antimony, Total	7440-36-0	mg/l			--	0.4	
Arsenic, Total	7440-38-2	mg/l			--	2.6	
Barium, Total	7440-39-3	mg/l			--	200	
Beryllium, Total	7440-41-7	mg/l			--	0.94	
Cadmium, Total	7440-43-9	mg/l			--	0.19	
Calcium, Total	7440-70-2	mg/l			--	67000	
Chromium, Total	7440-47-3	mg/l			--	2.2	
Cobalt, Total	7440-48-4	mg/l			--	4.5	
Copper, Total	7440-50-8	mg/l			--	15	
Iron, Total	7439-89-6	mg/l			--	3100	
Lead, Total	7439-92-1	mg/l			--	13	
Magnesium, Total	7439-95-4	mg/l			--	8300	
Manganese, Total	7439-96-5	mg/l			--	470	
Mercury, Total	7439-97-6	mg/l			--	0.08 U	
Molybdenum, Total	7439-98-7	mg/l			--	0.58	

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	4.4
Potassium, Total	7440-09-7	mg/l			--	3400
Selenium, Total	7782-49-2	mg/l			--	2
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	20000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	9.6
Zinc, Total	7440-66-6	mg/l			--	49
<b>General</b>						
Alkalinity	STL00171	mg/L			--	90
pH	STL00204	SU			--	8.08
Total Hardness	STL00009	mg/L			--	130
Total Suspended Solids	STL00161	mg/L			--	200
						130

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	MW-020						
					Sample ID	MW-020-150809-11						
					Date	8/9/2015						
<b>Recreational</b> <b>Agricultural</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	31						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	63						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	68000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.1						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.13						
Magnesium, Dissolved	7439-95-4	mg/l			--	9000						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	11						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	2.1						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.1						
Potassium, Dissolved	7440-09-7	mg/l			--	2300						
Selenium, Dissolved	7782-49-2	mg/l		20	--	2						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	16000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	25						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	500						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	1.6						
Barium, Total	7440-39-3	mg/l			--	76						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.12						
Calcium, Total	7440-70-2	mg/l			--	68000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.47						
Copper, Total	7440-50-8	mg/l			--	9.5						
Iron, Total	7439-89-6	mg/l			--	1800						
Lead, Total	7439-92-1	mg/l			--	15						
Magnesium, Total	7439-95-4	mg/l			--	8900						
Manganese, Total	7439-96-5	mg/l			--	130						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	0.98						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1.3
Potassium, Total	7440-09-7	mg/l			--	2300
Selenium, Total	7782-49-2	mg/l			--	2
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	15000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	1.6
Zinc, Total	7440-66-6	mg/l			--	63
<b>General</b>						
Alkalinity	STL00171	mg/L			--	95
pH	STL00204	SU			--	8.31
Total Hardness	STL00009	mg/L			--	260
Total Suspended Solids	STL00161	mg/L			--	210
						260

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			<b>Location</b>	NSW-020						
						NSW-020-150809-11						
						8/9/2015						
<b>Recreational</b> <b>Agricultural</b>												
<b>I RSL</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	28						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	60						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	63000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.3						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.38						
Magnesium, Dissolved	7439-95-4	mg/l			--	8500						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	10						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	0.96						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.1						
Potassium, Dissolved	7440-09-7	mg/l			--	2200						
Selenium, Dissolved	7782-49-2	mg/l		20	--	2						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	12000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	12						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	860						
Antimony, Total	7440-36-0	mg/l			--	0.41						
Arsenic, Total	7440-38-2	mg/l			--	2						
Barium, Total	7440-39-3	mg/l			--	73						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.13						
Calcium, Total	7440-70-2	mg/l			--	63000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.6						
Copper, Total	7440-50-8	mg/l			--	11						
Iron, Total	7439-89-6	mg/l			--	2700						
Lead, Total	7439-92-1	mg/l			--	37						
Magnesium, Total	7439-95-4	mg/l			--	8400						
Manganese, Total	7439-96-5	mg/l			--	110						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	1.3						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1.1
Potassium, Total	7440-09-7	mg/l			--	2300
Selenium, Total	7782-49-2	mg/l			--	2
Silver, Total	7440-22-4	mg/l			--	0.27
Sodium, Total	7440-23-5	mg/l			--	12000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	2.2
Zinc, Total	7440-66-6	mg/l			--	63
<b>General</b>						
Alkalinity	STL00171	mg/L			--	91
pH	STL00204	SU			--	8.14
Total Hardness	STL00009	mg/L			--	260
Total Suspended Solids	STL00161	mg/L			--	190
						260

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	ADW-010					
						ADW-010-150810-11					
						Date					
						8/10/2015					
<b>Recreational Agriculture</b>											
<b>Metals, Dissolved</b>											
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	49					
Antimony, Dissolved	7440-36-0	mg/l			--	0.4					
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37					
Barium, Dissolved	7440-39-3	mg/l	33000		--	57					
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15					
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043					
Calcium, Dissolved	7440-70-2	mg/l			--	59000					
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1					
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12					
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.3					
Iron, Dissolved	7439-89-6	mg/l	120000		--	17					
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.15					
Magnesium, Dissolved	7439-95-4	mg/l			--	8300					
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	16					
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U					
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.2					
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	0.97					
Potassium, Dissolved	7440-09-7	mg/l			--	2100					
Selenium, Dissolved	7782-49-2	mg/l		20	--	0.58					
Silver, Dissolved	7440-22-4	mg/l			--	0.1					
Sodium, Dissolved	7440-23-5	mg/l			--	14000					
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1					
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3					
Zinc, Dissolved	7440-66-6	mg/l	50000		--	3.2					
<b>Metals, Total</b>											
Aluminum, Total	7429-90-5	mg/l			--	400					
Antimony, Total	7440-36-0	mg/l			--	0.4					
Arsenic, Total	7440-38-2	mg/l			--	0.69					
Barium, Total	7440-39-3	mg/l			--	64					
Beryllium, Total	7440-41-7	mg/l			--	0.15					
Cadmium, Total	7440-43-9	mg/l			--	0.043					
Calcium, Total	7440-70-2	mg/l			--	60000					
Chromium, Total	7440-47-3	mg/l			--	1					
Cobalt, Total	7440-48-4	mg/l			--	0.28					
Copper, Total	7440-50-8	mg/l			--	5.3					
Iron, Total	7439-89-6	mg/l			--	720					
Lead, Total	7439-92-1	mg/l			--	9.3					
Magnesium, Total	7439-95-4	mg/l			--	8500					
Manganese, Total	7439-96-5	mg/l			--	70					
Mercury, Total	7439-97-6	mg/l			--	0.08 U					
Molybdenum, Total	7439-98-7	mg/l			--	1.2					

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1.2
Potassium, Total	7440-09-7	mg/l			--	2100
Selenium, Total	7782-49-2	mg/l			--	0.58
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	14000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	0.91
Zinc, Total	7440-66-6	mg/l			--	30
<b>General</b>						
Alkalinity	STL00171	mg/L			--	83
pH	STL00204	SU			--	8.15
Total Hardness	STL00009	mg/L			--	260
Total Suspended Solids	STL00161	mg/L			--	180
						260

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	ADW-021	
						ADW-021-150810-11	
						8/10/2015	
			<b>Recreational Agriculture</b>				
<b>Metals, Dissolved</b>							
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	45	
Antimony, Dissolved	7440-36-0	mg/l			--	0.4	
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37	
Barium, Dissolved	7440-39-3	mg/l	33000		--	57	
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15	
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043	
Calcium, Dissolved	7440-70-2	mg/l			--	60000	
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1	
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.13	
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	3.4	
Iron, Dissolved	7439-89-6	mg/l	120000		--	17	
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.12	
Magnesium, Dissolved	7439-95-4	mg/l			--	8500	
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	13	
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U	
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.1	
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	2.9	
Potassium, Dissolved	7440-09-7	mg/l			--	2100	
Selenium, Dissolved	7782-49-2	mg/l		20	--	0.58	
Silver, Dissolved	7440-22-4	mg/l			--	0.1	
Sodium, Dissolved	7440-23-5	mg/l			--	13000	
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1	
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3	
Zinc, Dissolved	7440-66-6	mg/l	50000		--	3.3	
<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	mg/l			--	0.4	
Antimony, Total	7440-36-0	mg/l			--	0.81	
Arsenic, Total	7440-38-2	mg/l			--	65	
Barium, Total	7440-39-3	mg/l			--	0.15	
Beryllium, Total	7440-41-7	mg/l			--	0.078	
Cadmium, Total	7440-43-9	mg/l			--	61000	
Calcium, Total	7440-70-2	mg/l			--	1	
Chromium, Total	7440-47-3	mg/l			--	0.26	
Cobalt, Total	7440-48-4	mg/l			--	5.3	
Copper, Total	7440-50-8	mg/l			--	760	
Iron, Total	7439-89-6	mg/l			--	9.8	
Lead, Total	7439-92-1	mg/l			--	8700	
Magnesium, Total	7439-95-4	mg/l			--	63	
Manganese, Total	7439-96-5	mg/l			--	1.1	
Mercury, Total	7439-97-6	mg/l			--	0.08 U	
Molybdenum, Total	7439-98-7	mg/l			--	1	

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	2100
Potassium, Total	7440-09-7	mg/l			--	0.58
Selenium, Total	7782-49-2	mg/l			--	0.1
Silver, Total	7440-22-4	mg/l			--	13000
Sodium, Total	7440-23-5	mg/l			--	0.1
Thallium, Total	7440-28-0	mg/l			--	0.9
Vanadium, Total	7440-62-2	mg/l			--	29
Zinc, Total	7440-66-6	mg/l			--	
<b>General</b>						
Alkalinity	STL00171	mg/L			--	90
pH	STL00204	SU			--	8.15
Total Hardness	STL00009	mg/L			--	260
Total Suspended Solids	STL00161	mg/L			--	190
						260

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	ADW-021						
						ADW-021-150810-12						
						8/10/2015						
<b>Recreational</b> <b>Agricultural</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	57						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	60						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	60000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1.3						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.13						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.2						
Iron, Dissolved	7439-89-6	mg/l	120000		--	34						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.46						
Magnesium, Dissolved	7439-95-4	mg/l			--	8500						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	15						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.3						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.2						
Potassium, Dissolved	7440-09-7	mg/l			--	2000						
Selenium, Dissolved	7782-49-2	mg/l		20	--	0.58						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	13000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--							
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	300						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	0.37						
Barium, Total	7440-39-3	mg/l			--	62						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.1						
Calcium, Total	7440-70-2	mg/l			--	60000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.23						
Copper, Total	7440-50-8	mg/l			--	4.8						
Iron, Total	7439-89-6	mg/l			--	610						
Lead, Total	7439-92-1	mg/l			--	8.3						
Magnesium, Total	7439-95-4	mg/l			--	8500						
Manganese, Total	7439-96-5	mg/l			--	52						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	1.1						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	0.93
Potassium, Total	7440-09-7	mg/l			--	2100
Selenium, Total	7782-49-2	mg/l			--	0.58
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	13000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	0.76
Zinc, Total	7440-66-6	mg/l			--	26
<b>General</b>						
Alkalinity	STL00171	mg/L			--	89
pH	STL00204	SU			--	8.11
Total Hardness	STL00009	mg/L			--	240
Total Suspended Solids	STL00161	mg/L			--	180
						240

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			<b>Location</b>	ADW-022						
						ADW-022-150810-11						
					<b>Date</b>	8/10/2015						
<b>Recreational</b> <b>Agricultural</b>												
<b>I RSL</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	39						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	62						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	63000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	3.3						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.15						
Magnesium, Dissolved	7439-95-4	mg/l			--	8600						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	14						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.1						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.4						
Potassium, Dissolved	7440-09-7	mg/l			--	2100						
Selenium, Dissolved	7782-49-2	mg/l		20	--	0.58						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	13000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	2.9						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	310						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	0.42						
Barium, Total	7440-39-3	mg/l			--	65						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.059						
Calcium, Total	7440-70-2	mg/l			--	62000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.24						
Copper, Total	7440-50-8	mg/l			--	4.8						
Iron, Total	7439-89-6	mg/l			--	640						
Lead, Total	7439-92-1	mg/l			--	8.5						
Magnesium, Total	7439-95-4	mg/l			--	8500						
Manganese, Total	7439-96-5	mg/l			--	53						
Mercury, Total	7439-97-6	mg/l			--	0.031						
Molybdenum, Total	7439-98-7	mg/l			--	1						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	0.92
Potassium, Total	7440-09-7	mg/l			--	2100
Selenium, Total	7782-49-2	mg/l			--	0.58
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	12000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	0.65
Zinc, Total	7440-66-6	mg/l			--	27
<b>General</b>						
Alkalinity	STL00171	mg/L			--	93
pH	STL00204	SU			--	8.28
Total Hardness	STL00009	mg/L			--	260
Total Suspended Solids	STL00161	mg/L			--	190
						260

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			<b>Location</b>	FW-012						
					Sample ID	FW-012-150810-11						
					Date	8/10/2015						
<b>Recreational Agriculture</b>												
<b>I RSL</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	36						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	58						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	63000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.4						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.073						
Magnesium, Dissolved	7439-95-4	mg/l			--	8400						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	12						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.2						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	0.8						
Potassium, Dissolved	7440-09-7	mg/l			--	2000						
Selenium, Dissolved	7782-49-2	mg/l		20	--	0.58						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	15000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	2.8						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	420						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	0.84						
Barium, Total	7440-39-3	mg/l			--	66						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.068						
Calcium, Total	7440-70-2	mg/l			--	64000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.31						
Copper, Total	7440-50-8	mg/l			--	5.4						
Iron, Total	7439-89-6	mg/l			--	790						
Lead, Total	7439-92-1	mg/l			--	9.7						
Magnesium, Total	7439-95-4	mg/l			--	8600						
Manganese, Total	7439-96-5	mg/l			--	75						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	1.1						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1.3
Potassium, Total	7440-09-7	mg/l			--	2100
Selenium, Total	7782-49-2	mg/l			--	0.58
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	15000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	1
Zinc, Total	7440-66-6	mg/l			--	30
<b>General</b>						
Alkalinity	STL00171	mg/L			--	87
pH	STL00204	SU			--	8.16
Total Hardness	STL00009	mg/L			--	270
Total Suspended Solids	STL00161	mg/L			--	200
						270

**Bold - Bolded results identify a detected value.**

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D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			<b>Location</b>	FW-040						
					Sample ID	FW-040-150810-11						
					Date	8/10/2015						
<b>Recreational Agriculture</b>												
<b>I RSL</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	79						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	60						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	64000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.13						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.6						
Iron, Dissolved	7439-89-6	mg/l	120000		--	91						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	1.5						
Magnesium, Dissolved	7439-95-4	mg/l			--	8400						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	13						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.2						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	0.96						
Potassium, Dissolved	7440-09-7	mg/l			--	2000						
Selenium, Dissolved	7782-49-2	mg/l		20	--	0.58						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	15000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	4.8						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	480						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	0.37						
Barium, Total	7440-39-3	mg/l			--	70						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.066						
Calcium, Total	7440-70-2	mg/l			--	67000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.34						
Copper, Total	7440-50-8	mg/l			--	5.9						
Iron, Total	7439-89-6	mg/l			--	910						
Lead, Total	7439-92-1	mg/l			--	11						
Magnesium, Total	7439-95-4	mg/l			--	8800						
Manganese, Total	7439-96-5	mg/l			--	79						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	1.2						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1.1
Potassium, Total	7440-09-7	mg/l			--	2200
Selenium, Total	7782-49-2	mg/l			--	0.58
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	16000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	1
Zinc, Total	7440-66-6	mg/l			--	32
<b>General</b>						
Alkalinity	STL00171	mg/L			--	90
pH	STL00204	SU			--	8.22
Total Hardness	STL00009	mg/L			--	290
Total Suspended Solids	STL00161	mg/L			--	200
						290

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	LVW-020						
						LVW-020-150810-11						
						Date						
<b>Recreational Agriculture</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	24						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.48						
Barium, Dissolved	7440-39-3	mg/l	33000		--	68						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	50000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.4						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.11						
Magnesium, Dissolved	7439-95-4	mg/l			--	6700						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	6.7						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.3						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.5						
Potassium, Dissolved	7440-09-7	mg/l			--	2200						
Selenium, Dissolved	7782-49-2	mg/l		20	--	0.58						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	18000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.48						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	2.8						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	3500						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	1.3						
Barium, Total	7440-39-3	mg/l			--	120						
Beryllium, Total	7440-41-7	mg/l			--	0.29						
Cadmium, Total	7440-43-9	mg/l			--	0.057						
Calcium, Total	7440-70-2	mg/l			--	55000						
Chromium, Total	7440-47-3	mg/l			--	2.1						
Cobalt, Total	7440-48-4	mg/l			--	1.6						
Copper, Total	7440-50-8	mg/l			--	6.2						
Iron, Total	7439-89-6	mg/l			--	2400						
Lead, Total	7439-92-1	mg/l			--	6.5						
Magnesium, Total	7439-95-4	mg/l			--	7600						
Manganese, Total	7439-96-5	mg/l			--	140						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	1.1						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	2.3
Potassium, Total	7440-09-7	mg/l			--	3000
Selenium, Total	7782-49-2	mg/l			--	0.58
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	18000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	5.3
Zinc, Total	7440-66-6	mg/l			--	20
<b>General</b>						
Alkalinity	STL00171	mg/L			--	89
pH	STL00204	SU			--	8.08
Total Hardness	STL00009	mg/L			--	240
Total Suspended Solids	STL00161	mg/L			--	150
						240

**Bold - Bolded results identify a detected value.**

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	LVW-030					
						LVW-030-150809-11					
						Date					
						8/9/2015					
<b>Recreational</b> <b>Agricultural</b>											
<b>Metals, Dissolved</b>											
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	440					
Antimony, Dissolved	7440-36-0	mg/l			--	0.4					
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.49					
Barium, Dissolved	7440-39-3	mg/l	33000		--	82					
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15					
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043					
Calcium, Dissolved	7440-70-2	mg/l			--	53000					
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1					
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.37					
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.4					
Iron, Dissolved	7439-89-6	mg/l	120000		--	290					
Lead, Dissolved	7439-92-1	mg/l	200	100	--	1.1					
Magnesium, Dissolved	7439-95-4	mg/l			--	6900					
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	23					
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U					
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.3					
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.6					
Potassium, Dissolved	7440-09-7	mg/l			--	2500					
Selenium, Dissolved	7782-49-2	mg/l		20	--	2					
Silver, Dissolved	7440-22-4	mg/l			--	0.1					
Sodium, Dissolved	7440-23-5	mg/l			--	20000					
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1					
Vanadium, Dissolved	7440-62-2	mg/l	830		--	1.4					
Zinc, Dissolved	7440-66-6	mg/l	50000		--	48					
<b>Metals, Total</b>											
Aluminum, Total	7429-90-5	mg/l			--	4300					
Antimony, Total	7440-36-0	mg/l			--	0.4					
Arsenic, Total	7440-38-2	mg/l			--	2.6					
Barium, Total	7440-39-3	mg/l			--	200					
Beryllium, Total	7440-41-7	mg/l			--	0.94					
Cadmium, Total	7440-43-9	mg/l			--	0.19					
Calcium, Total	7440-70-2	mg/l			--	67000					
Chromium, Total	7440-47-3	mg/l			--	2.2					
Cobalt, Total	7440-48-4	mg/l			--	4.5					
Copper, Total	7440-50-8	mg/l			--	15					
Iron, Total	7439-89-6	mg/l			--	3100					
Lead, Total	7439-92-1	mg/l			--	13					
Magnesium, Total	7439-95-4	mg/l			--	8300					
Manganese, Total	7439-96-5	mg/l			--	470					
Mercury, Total	7439-97-6	mg/l			--	0.08 U					
Molybdenum, Total	7439-98-7	mg/l			--	0.58					

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	4.4
Potassium, Total	7440-09-7	mg/l			--	3400
Selenium, Total	7782-49-2	mg/l			--	2
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	20000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	9.6
Zinc, Total	7440-66-6	mg/l			--	49
<b>General</b>						
Alkalinity	STL00171	mg/L			--	90
pH	STL00204	SU			--	8.08
Total Hardness	STL00009	mg/L			--	130
Total Suspended Solids	STL00161	mg/L			--	200
						130

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	LVW-030						
						LVW-030-150810-11						
						Date						
<b>Recreational Agriculture</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	24						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.53						
Barium, Dissolved	7440-39-3	mg/l	33000		--	70						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	51000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.3						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.069						
Magnesium, Dissolved	7439-95-4	mg/l			--	6800						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	6.7						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.3						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.3						
Potassium, Dissolved	7440-09-7	mg/l			--	2300						
Selenium, Dissolved	7782-49-2	mg/l		20	--	0.58						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	18000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.91						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	2.8						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	4700						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	1.7						
Barium, Total	7440-39-3	mg/l			--	140						
Beryllium, Total	7440-41-7	mg/l			--	0.36						
Cadmium, Total	7440-43-9	mg/l			--	0.049						
Calcium, Total	7440-70-2	mg/l			--	55000						
Chromium, Total	7440-47-3	mg/l			--	2.6						
Cobalt, Total	7440-48-4	mg/l			--	2.1						
Copper, Total	7440-50-8	mg/l			--	7.3						
Iron, Total	7439-89-6	mg/l			--	3100						
Lead, Total	7439-92-1	mg/l			--	7.9						
Magnesium, Total	7439-95-4	mg/l			--	7600						
Manganese, Total	7439-96-5	mg/l			--	190						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	1.1						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	2.8
Potassium, Total	7440-09-7	mg/l			--	3200
Selenium, Total	7782-49-2	mg/l			--	0.58
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	18000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	7.2
Zinc, Total	7440-66-6	mg/l			--	25
<b>General</b>						
Alkalinity	STL00171	mg/L			--	89
pH	STL00204	SU			--	8.08
Total Hardness	STL00009	mg/L			--	240
Total Suspended Solids	STL00161	mg/L			--	170
						240

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	MW-020						
						MW-020-150810-11						
						8/10/2015						
<b>Recreational</b> <b>Agricultural</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	39						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	60						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	65000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.12						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.2						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.31						
Magnesium, Dissolved	7439-95-4	mg/l			--	8500						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	14						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.2						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.3						
Potassium, Dissolved	7440-09-7	mg/l			--	2000						
Selenium, Dissolved	7782-49-2	mg/l		20	--	0.58						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	15000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	3.1						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	530						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	0.66						
Barium, Total	7440-39-3	mg/l			--	69						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.12						
Calcium, Total	7440-70-2	mg/l			--	66000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.36						
Copper, Total	7440-50-8	mg/l			--	6.1						
Iron, Total	7439-89-6	mg/l			--	1000						
Lead, Total	7439-92-1	mg/l			--	12						
Magnesium, Total	7439-95-4	mg/l			--	8700						
Manganese, Total	7439-96-5	mg/l			--	86						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	1.2						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	1.1
Potassium, Total	7440-09-7	mg/l			--	2100
Selenium, Total	7782-49-2	mg/l			--	0.58
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	15000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	0.98
Zinc, Total	7440-66-6	mg/l			--	36
<b>General</b>						
Alkalinity	STL00171	mg/L			--	89
pH	STL00204	SU			--	8.11
Total Hardness	STL00009	mg/L			--	270
Total Suspended Solids	STL00161	mg/L			--	200
						270

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Analyte	CAS.NO	Units			Location	NSW-020						
						NSW-020-150810-11						
						Date						
						8/10/2015						
<b>Recreational</b> <b>Agricultural</b>												
<b>I RSL</b>												
<b>Metals, Dissolved</b>												
Aluminum, Dissolved	7429-90-5	mg/l	170000		--	45						
Antimony, Dissolved	7440-36-0	mg/l			--	0.4						
Arsenic, Dissolved	7440-38-2	mg/l	50	100	--	0.37						
Barium, Dissolved	7440-39-3	mg/l	33000		--	60						
Beryllium, Dissolved	7440-41-7	mg/l	330	100	--	0.15						
Cadmium, Dissolved	7440-43-9	mg/l	83	10	--	0.043						
Calcium, Dissolved	7440-70-2	mg/l			--	61000						
Chromium, Dissolved	7440-47-3	mg/l	210000	100	--	1						
Cobalt, Dissolved	7440-48-4	mg/l	50		--	0.3						
Copper, Dissolved	7440-50-8	mg/l	6700	100	--	2.7						
Iron, Dissolved	7439-89-6	mg/l	120000		--	17						
Lead, Dissolved	7439-92-1	mg/l	200	100	--	0.32						
Magnesium, Dissolved	7439-95-4	mg/l			--	8500						
Manganese, Dissolved	7439-96-5	mg/l	7800	200	--	12						
Mercury, Dissolved	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Dissolved	7439-98-7	mg/l			--	1.1						
Nickel, Dissolved	7440-02-0	mg/l	330	200	--	1.2						
Potassium, Dissolved	7440-09-7	mg/l			--	2100						
Selenium, Dissolved	7782-49-2	mg/l		20	--	0.58						
Silver, Dissolved	7440-22-4	mg/l			--	0.1						
Sodium, Dissolved	7440-23-5	mg/l			--	13000						
Thallium, Dissolved	7440-28-0	mg/l	1.7		--	0.1						
Vanadium, Dissolved	7440-62-2	mg/l	830		--	0.3						
Zinc, Dissolved	7440-66-6	mg/l	50000		--	4.3						
<b>Metals, Total</b>												
Aluminum, Total	7429-90-5	mg/l			--	310						
Antimony, Total	7440-36-0	mg/l			--	0.4						
Arsenic, Total	7440-38-2	mg/l			--	0.37						
Barium, Total	7440-39-3	mg/l			--	64						
Beryllium, Total	7440-41-7	mg/l			--	0.15						
Cadmium, Total	7440-43-9	mg/l			--	0.073						
Calcium, Total	7440-70-2	mg/l			--	60000						
Chromium, Total	7440-47-3	mg/l			--	1						
Cobalt, Total	7440-48-4	mg/l			--	0.22						
Copper, Total	7440-50-8	mg/l			--	4.7						
Iron, Total	7439-89-6	mg/l			--	640						
Lead, Total	7439-92-1	mg/l			--	8.6						
Magnesium, Total	7439-95-4	mg/l			--	8400						
Manganese, Total	7439-96-5	mg/l			--	45						
Mercury, Total	7439-97-6	mg/l			--	0.08 U						
Molybdenum, Total	7439-98-7	mg/l			--	1						

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Nickel, Total	7440-02-0	mg/l			--	0.98
Potassium, Total	7440-09-7	mg/l			--	2100
Selenium, Total	7782-49-2	mg/l			--	0.58
Silver, Total	7440-22-4	mg/l			--	0.1
Sodium, Total	7440-23-5	mg/l			--	12000
Thallium, Total	7440-28-0	mg/l			--	0.1
Vanadium, Total	7440-62-2	mg/l			--	0.74
Zinc, Total	7440-66-6	mg/l			--	24
<b>General</b>						
Alkalinity	STL00171	mg/L			--	99
pH	STL00204	SU			--	8.12
Total Hardness	STL00009	mg/L			--	250
Total Suspended Solids	STL00161	mg/L			--	180
						250

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Bold - Bolded	<b>Bold</b>	Bolded results identify a detected value.
J - Data Estim	<b>J</b>	Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)
MDL - Methc	<b>MDL</b>	Method Detection Limit
PQL - Practic	<b>PQL</b>	Practical Quantitation Limit, also known as reporting limit.
U - Analyte n	<b>U</b>	Analyte not detected at or above MDL qualifier
D - Diluted v:	<b>D</b>	Diluted value qualifier.
mg/L - Parts	<b>mg/L</b>	Parts per million (milligrams per liter). Solids equivalent = mg/Kg.
ug/L - Parts	<b>ug/L</b>	Parts per billion (micrograms per liter). Solids equivalent = ug/Kg